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(71) Applicants (for all designated States except US): ABERDEEN UNIVERSITY [GB/GB]; Auris University Centre, 23 St. Machar Drive, Aberdeen AB2 1RY (GB). THE COMMON SERVICES AGENCY FOR THE SCOTTISH HEALTH SERVICE [GB/GB]; Trinity Party House, South Trinity Road, Edinburgh EH5 3SE (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): URBANIAK, Stanislaw, Joseph [GB/GB]; 14 Earlspark Crescent, Bieldside, Aberdeen AB15 9AY (GB). BARKER, Robert, Norman [GB/GB]; Courtin, Barthol Chapel, Inverurie AB51 8TD

(74) Agents: ABLETT, Graham, Keith et al.; Ablett & Stebbing, Caparo House, 101-103 Baker Street, London W1M 1FD (81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: ALLO- AND AUTO-REACTIVE T-CELL EPITOPES FROM RHESUS PROTEIN AND THEIR USE

(57) Abstract

The present invention relates to a pharmaceutical composition for the prevention of alloimmunisation of a subject or the immunosuppression of a response elicited by alloimmunisation of a subject or an autoimmune haemolytic disease for said composition comprising an immunologically effective epitope of a rhesus protein or an immunologically active analogue or derivative thereof.

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A. CLASSI IPC 7	FICATION OF SUBJECT C07K14/705	A61K38/17	A61P37/02	G01N33/569	G01N33/68	
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B. FIELDS	SEARCHED					······································
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Electronic d	ata base consulted during) the international search	n (name of data base	and, where practical, seam	ch terms used)	
C. DOCUME	NTS CONSIDERED TO	BE RELEVANT				
Category *	Citation of document, w	rith indication, where app	propriate, of the releva	nt passages	Rele	evant to claim No.
X,Y	STOTT L M (REPRINT) ET AL: "Mapping alloreactive T cell epitopes on the Rhesus D protein." BLOOD, (15 NOV 1998) VOL. 92, NO. 10, PART 1, SUPP. '1!, PP. 25A. PUBLISHER: W B SAUNDERS CO, INDEPENDENCE SQUARE WEST CURTIS CENTER, STE 300, PHILADELPHIA, PA 19106-3399. ISSN: 0006-4971., XPO00907115 UNIV ABERDEEN, DEPT MED & THERAPEUT, ABERDEEN, SCOTLAND the whole document ————————————————————————————————————					23
X Furth	er documents are listed in	n the continuation of box	с. [Patent family member	ers are listed in annex.	
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INTERNATIONAL SEARCH REPORT

In. Attornal Application No PCT/GB 99/04027

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.(Continu	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	
ategory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X,Y	BARKER E.A.: "Identifiation of T-cell epitopes on the rhesus polypeptides in autoimmune hemolytic anemia" BLOOD, vol. 90, no. 7, 1 October 1997 (1997-10-01), pages 2701-2715, XPO02137569 cited in the application the whole document	1-23
Y	BARKER E.A.: "Multiple self epitopes on the rhesus polypeptides atimulate immunologically ignoranr human T cells in vitro" EUR.J.IMMUNOL., vol. 24, 1994, pages 1578-1582, XP000907120 the whole document	1-23
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2

INTERNATIONAL SEARCH REPORT

international application No.

PCT/GB 99/04027

Box	Observations where certain claims were found unsearchable (Continuation of Item 1 of first sheet)
This Inte	emational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. X	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely: Remark: Although claim 17 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3.	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box ii	Observations where unity of Invention is lacking (Continuation of Item 2 of first sheet)
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
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	As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4.	No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark o	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.